

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

Date: May 2, 2020

Initials: DG

1. SURNAME: Gillen FIRST NAME: David
MIDDLE NAME(S): William
2. DEPARTMENT/SCHOOL: Operations & Logistics Division
3. FACULTY: Sauder School of Business
4. PRESENT RANK: Full Professor SINCE: 2004
5. **POST-SECONDARY EDUCATION**

University or Institution	Degree	Subject Area	Dates
University of Toronto	Ph.D	Economics	1971-1974
University of New Brunswick	MA	Economics	1969-1971
St. Thomas University	BA	General Arts	1966-1969

Special Professional Qualifications

6. **EMPLOYMENT RECORD**

(a) *Prior to coming to UBC*

University, Company or Organization	Rank or Title	Dates
Wilfrid Laurier University	Full Professor	1998-2004
University of California – Berkeley	Adjunct Full Professor	1991-1998
Wilfrid Laurier University	Full Professor	1982-1991
University of Alberta	Associate Professor	1975-1982

(b) *At UBC*

Rank or Title	Dates
Full Professor	2004-present

(c) *Date of granting of tenure at U.B.C.:*
2004

7. **LEAVES OF ABSENCE**

July 2013-June 2014

University, Company or Organization at which Leave was taken	Type of Leave	Dates
MIT (August through December)	Full year sabbatical	Aug –Dec 2014
University of Auckland (January-March 2014)	Full year sabbatical	Jan-Mar 2014
Imperial College London (April-May 2014)	Full year sabbatical	April-May 2014

8. TEACHING

(a) *Areas of special interest and accomplishments*

I Industrial Organization, Competition Policy, Transportation and Regulatory Economics, Aviation and Air Transport Economics, Travel Demand Analysis, Choice Modeling, Performance and Productivity Analysis, Applied Microeconomics

(b) *Courses Taught at UBC*

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
Winter 2020	415-201	39	39	39			
Winter 2020	415-202	39	36	39			
Winter 2019	415-201	39	26	39			
Winter 2019	415-202	39	43	39			
Winter 2018	398-201	39	59	39			
Winter 2018	415-201	39	30	39			
Fall 2018	415-101	39	41	39			
Winter 2016	415-201	39	32	39			
Winter 2016	444-201	39	47	39			
Winter 2016	441-201	39	48	39			
Winter 2015	441-201	39	50	39			
Winter 2015	398-201	39	53	39			
Winter 2015	349-201	39	53	39			
Winter 2012	544-201	39	3	39			
Winter 2012	399-201	39	44	39			
Winter 2011	399-203	39	34	39			
Winter 2010	447-201	39	34	39			

Winter 2009	441-201	39	26	39			
Winter 2009	446-201	39	13	39			
Winter 2009	447-201	39	21	39			
Winter 2008	441-201	39	12	39			
Winter 2008	446-201	39	22	39			
Winter 2008	447-201	39	14	39			
Winter 2007	441-201	39	41	39			
Winter 2007	BASC 504	20	14	20			
Winter 2007	BASC 505	20	5	20			
Winter 2007	447-201	39	22	39			
Winter 2006	441-201	39	34	39			
Winter 2006	BASC 504	20	12	20			
Winter 2006	BASC 505	20	4	20			
Winter 2006	447-201	39	26	39			
Winter 2005	Comm 447-201	39	26	39			
Winter 2005	Comm 441-202	39	34	39			
Winter 2005	BASC 504	20	12	20			
Winter 2005	BASC 505	20	4	20			

(c) *Graduate Students Supervised*

Student Name	Program Type	Year		Supervisory Role (supervisor, co-supervisor, committee member)
		Start	Finish	
Hamed Hashaminia	PhD	2007	2012	Supervisor
Zhou Lin	MSc	2008	2009	Committee Member
Song Wei	MSc	2008	2010	Committee Member
Matt Burns	PTMBA	2005	2006	D Gillen
Natthida Taweelertkunthon	MSc	2005	2006	D Gillen
Justin Beaudoin	MSc	2005	2007	T Oum

- (d) *Continuing Education Activities*
- (e) *Visiting Lecturer (indicate university/organization and dates)*
- (f) *Other*

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

- (a) *Areas of special interest and accomplishments*
Organized Asian Logistics Roundtable Conference (ALRT2012) in June of 2012, held at UBC/Sauder School with 80 delegates, 2 days and 36 papers/presentations
- (b) *Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
SSHRC	Sustainability in the Maritime Supply Chain, 5 years \$2.4 Million		\$480,000	2017-2022	David Gillen	Jane Lister (UBC), Peter Hall (SFU), Henrick Sornn-Friese (CBS)
SSHRC	Green Shipping – 2 years		\$100,000	2015	David Gillen	Jane Lister
SSHRC/ Kanishka (Public Safety Canada)	Airport Security: Design, Governance, Performance, Financing And Policy	C	\$107,000	2013- 2014	David Gillen/William Morrison	
SSHRC	Conference Grant	C	\$22,100	2012	David Gillen	

- (c) *Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC)).*

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
National Academy of Sciences (US)	Economic Productivity and Transportation Investment	C	\$250,000	2012- 2014	Glen Weisbrod- Economic Development Research Group	David Gillen Steve Landeau
National Academy of Sciences (US)	Measuring the Value of the Aviation Network	C	\$200,000	2012- 2013	Glen Weisbrod- Economic Development Research Group	David Gillen Steve Landeau
Transport Canada	Measuring Disruption in Supply Chains and the Impact on Supply Chain Productivity	C	\$25,000	2012- 2013	David Gillen	Hamed Hasheminia
Transport Canada	A Re-examination of Canada's Domestic and International Air Policy	NC	\$22,000	2012	David Gillen	

Industry Canada	Cross Docking with Multiple Inbound and Outbound Containers	C	\$50,000	2011	Davis Gillen	Nicole Adler
Transport Canada	Asia Pacific Gateway & Corridor Initiative		\$276,000 for each of 2 years	2010	David Gillen	
Transport Canada	Asia Pacific Gateway and Corridor Research	C	\$33,000	2009	David Gillen	
Canadian Competition Act Review Panel	Foreign Ownership Restrictions for Canadian Airlines	C	\$5000	2007	David Gillen	

(d) *Invited Presentations*

1. Reducing Emissions in International Trade: A Supply Chain Perspective, Invited seminar HEC Montréal, Department of Logistics and Operations Management, Montréal Canada December 2 2019
2. Reducing Emissions in International Trade: A Supply Chain Perspective, Invited seminar. Kedge Business School, Department of Operations Management and Information Systems, Marseille France December 10, 2019
3. Reducing Emissions in International Trade: A Supply Chain Perspective, Invited seminar, Erasmus School of Economics, Department of Applied Economics, Erasmus University Rotterdam, Netherlands, February 4, 2019
4. Allocating Risk Using Regulation and Tort Liability in Transporting Hazardous Goods, Invited seminar Copenhagen Business School, Copenhagen Denmark, April 16, 2013
5. The Strategic Relationship between Global Hubs and Air service Agreements, invited seminar Copenhagen Business School, Copenhagen Denmark, April 16, 2013
6. Transportation Policy, Competition and Economic Growth- Canadian Transportation Research Forum, Gateneau Quebec, June 2011
7. Price Sensitivities: Substitution Opportunities in Connecting Markets with Travel Alternatives, AirNeth Workshop, Hague, Netherlands, January 27, 2011
8. Future Directions For Transportation Research: Engineering And Economics-plenary presentation to 16th International Conference of the Hong Kong Society for Transportation Studies, Hong Kong, Dec 2011
9. On Concession and Congestion in Two-Sided Airport Markets, presentation to 16th International Conference of the Hong Kong Society for Transportation Studies, Hong Kong, Dec 2011
10. The Economics of Airport Slots and Policies Used to Allocate Them- presentation to Second Mexico's Conference on Air Transport: Infrastructure, Regulation and Competition Between Airports, Anahuac University, Mexico Norte, June 23 – 24, 2011
11. Transportation Legislation and Canada's Changing Economy and Society- invited paper presented to Paper Developed for the Workshop on Reforming Canada's Transportation Policies for the 21st Century November 28-29, 2011, Calgary, Alberta

(e) *Other Presentations*(f) *Other***Newspaper, Radio and Television Interviews 2018-2020**

Dec 14 CBC Radio Interview Predatory pricing against Swoop (WestJet ULCC)

March 13 grounding of 737 MAX – 6 CBC interviews during the day

Feb 4 – Business in Vancouver – legacy of PPS from Olympics (Canada Line and Sea to Sky Highway)

Feb 11, 2020 Blockade of CN Rail tracks

Feb 9, 2020 CBC Discussion of Canadian Air Policy and LCCs

Newspaper, Radio and Television Interviews 2017-2018

CBC Radio – predatory Pricing charge against WestJet
CBC Radio – Safety of Boeing 737MAX aircraft (6 CBC interviews)
Vancouver Sun & Business in Vancouver – impact of 2020 IMO Sulphur directive on price of goods.

Newspaper, Radio and Television Interviews 2016-2017

CBC Radio: Likely Success of New Airline Start-ups in Canada
CBC Radio: Impact of Loosening Foreign Ownership Laws on Canadian Aviation

Newspaper, Radio and Television Interviews 2014-2015

CBC On the Coast –Cancellation of flights into Israel
July 29 BBC World Service – Aviation Safety in War Zones
Sept 10 Aviation Security - CBC
Sept 12 CBC BC Ferries Economic Impact
NEWS 1130 – interview of flight restrictions due to Ebola disease
March 9 CBC (Vancouver & Victoria) – AC baggage fees

Newspaper, Radio and Television Interviews 2013-2014

CBC Radio, Pearson Shutdown and Passenger Impacts
CBC Radio, Air Passenger Bill of Rights

Newspaper, Radio and Television Interviews 2012-2013

CBC Radio – BC Ferries governance and pricing
CBC Radio – Porter Airline C-Series Strategy
CKNW – transportation issues of differing pipeline proposals

Newspaper, Radio and Television Interviews 2011-2012

CBC TV – Translink financing, Air Canada labour issues, Air Canada Survivability
CBC Radio – bridge tolls, Air Canada labour issues, Air Canada Survivability, BC Ferries Pricing, Port metro
Vancouver and Gateway Development
CKNW – Air Canada labour issues, BC Ferries pricing and service, gasoline eprices, Translink Financing

Newspaper, Radio and Television Interviews 2009-2010

CBC TV – oil prices and gas prices (3)
Chinese TV – bankruptcy of Asia Air
Vancouver Province – gas prices
Omnifilms – on screen on Mega projects
CBC airline and financial crises (4)
CKNW (Vancouver) oil and gasoline prices
CKNW (Vancouver) security at airports
Vancouver Sun (Business Section) – airport expansion in Prince George and Nanaimo

Newspaper, Radio and Television Interviews 2006-2007

CBC (TV and radio) Vancouver gas Prices January 8th week
ROB TV – EU and Canada Open Skies January 12
CKNW radio January 14 Vancouver gas prices
CBC TV March 19 gas prices
Vancouver Sun – gas prices
CBC Radio March 20 Federal Budget
CKNW March 26 gas prices
March 27 Harmony Airways closure CBC National, CBC local, 1 Chinese TV station interview, 2 Chinese radio
station interviews

(g) *Conference Participation (Organizer, Keynote Speaker, etc.)*

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International Business, Economic Geography and Innovation (i-Begin) conference, Copenhagen Business School, Denmark, June 23, 2019

American Economic Association Meetings – Transportation and Public Utilities Group, San Diego (CA), USA, January 3, 2020

Airport Infrastructure, Network Air Services and the Economic Benefits of Air Transport, paper delivered at Annual AEA Conference Atlanta USA, Jan 3-5 2019

Green Shipping Workshop – Copenhagen May 1-2 2018

Value Co-Creation: The Underlying Economics and Strategic Considerations, World Class Supply Chain Summit 2017: *Value Co-Creation*, Wednesday, May 10, 2017

Some research Questions in Achieving Sustainability in the Maritime Supply Chain, Governing Sustainability in the Maritime Supply Chain, International SSHRC Partnership Workshop, April 10-11, 2017 Sauder School, UBC

American Economics Association Meetings, Chicago 2016 “Congested Hubs, the EU Slot Regulation and Incentives to Invest” David Gillen and David Starkie

GARS Conference November 13, 2016 Amsterdam, Measuring The Relationship Between Airline Network Connectivity And Productivity

European Aviation Conference, Amsterdam, November 14-15, 2016, presented paper ‘The Economic Welfare Effects of Slot Concentration and Reallocation: A Study of Mexico City Airport’

‘Alternative ownership Structures and its Impact on Airport Economic Performance (paper presented at international Conference on Aviation & Airport Services Mexico City November 5-6, 2015)

‘Slots: The Economic Welfare Effects of Concentration and Reallocation’, (paper presented at international Conference on Aviation & Airport Services Mexico City November 5-6, 2015)

Issue in Aviation Security (paper presented at the Canadian Economics Association Meeting, Toronto)

Dynamic Capacity Adjustments: The Case of Airline Markets International Transport Economics Association (ITEA) Annual Conference (Kuhmo Nectar) to be held in Oslo on June 17-19, 2015

Measuring Reliability of Transportation Networks Using Snapshots of Movements in the Network – An Analytical and Empirical Study, presented to ALRT Conference Taipei, Taiwan, August 2015

‘Alternative ownership Structures and its Impact on Airport Economic Performance (paper presented at international Conference on Aviation & Airport Services Mexico City November 5-6, 2015)

‘Slots: The Economic Welfare Effects of Concentration and Reallocation’, (paper presented at international Conference on Aviation & Airport Services Mexico City November 5-6, 2015)

Issue in Aviation Security (paper presented at the Canadian Economics Association Meeting, Toronto)

Dynamic Capacity Adjustments: The Case of Airline Markets International Transport Economics Association (ITEA) Annual Conference (Kuhmo Nectar) to be held in Oslo on June 17-19, 2015

Measuring Reliability of Transportation Networks Using Snapshots of Movements in the Network – An Analytical and Empirical Study, presented to ALRT Conference Taipei, Taiwan, August 2015

“Measuring the Relationship Between Airline Network Connectivity and Productivity” presented at Transportation Research Board Meetings, Washington, DC January 2015. (with Steve Landau and Geoff Gosling)

German Aviation Research Society Meetings, November 5 Brussels, presented paper *Regional Airline Services in Six Countries: Supply, Pricing and Competition*,

European Aviation Conference, Amsterdam, November 6-7. Presented paper *Slot Administration and Management in Europe and Incentives to Invest*

Aviation Security Seminar & Workshop Public Safety Canada Oct 27-28 Ottawa

Decomposing Poisson Random Sums Based on Properties of Integer Numbers, 2013 INFORMS Annual Meeting, Minneapolis MN (paper with Hamed Hashemina)

Privatization Strategies for Congested Multi-Sided Airport Markets, Kuhmo-Nector Conference, Berlin, July 5-6, 2012

Measuring the Economic Value of Additional Airport Capacity at Connecting Hubs, invited presentation OECD Workshop, Paris, February 14-15, 2013

Transportation Policy, Competition And Economic Growth- Canadian Transportation Research Forum Conference, Gatineau Quebec, June 3-5, 2011

The New Pricing in North American Air Travel Markets: Implications for Competition and Antitrust, paper presented at the Canadian Economics Association Meetings, June 2-5, University of Ottawa (with Tim Hazledine)

Moving from Theory to Practice: Implementation Issues in Congestion Management for Roadways & Airports, INFORMS Transportation Science & Logistics Workshop, Congestion Management of Transportation Systems in ground and Air, Asilomar, CA June 27-28, 2011

Price Sensitivities: Substitution Opportunities in Connecting Markets with Travel Alternatives, AirNeth Workshop, Hague, Netherlands, January 27, 2011

On Concession and Congestion in Two-Sided Airport Markets, presentation to 16th International Conference of the Hong Kong Society for Transportation Studies, Hong Kong, Dec 2011

The Economics of Airport Slots and Policies Used to Allocate Them- presentation to Second Mexico's Conference on Air Transport: Infrastructure, Regulation and Competition between Airports, Anahuac University, Mexico Norte, June 23 – 24, 2011

Transportation Legislation and Canada's Changing Economy and Society- invited paper presented to Paper Developed for the Workshop on Reforming Canada's Transportation Policies for the 21st Century November 28-29, 2011, Calgary, Alberta

International Conference on Asia Pacific Gateway – organizer & speaker – November 2010, 146 participants, 23 speakers, budget (\$140,000), held in Vancouver

'Comparing Efficiency Frontiers with and without Environmental Variables' paper delivered at German Aviation Society Environmental Workshop, Berlin Germany Nov 24-26, 2010

'International Aviation after the Crises', paper presented to Asian Logistics Round Table Conference, Dec 3-4, 2010 Antwerp, Belgium

'Economics of the Pacific Gateway', paper delivered to Vancouver Board of Trade Conference, Oct 29, Vancouver BC

'Assessing Relative Airport Performance using Network DEA', paper delivered to International Forum on Shipping, Ports and Airports (IFSPA) 2010, 15 - 18 October 2010 • Chengdu, Sichuan, China

'Regulation and Taxation in Aviation: Impediments to Green Aviation?' paper presented to Hamburg Aviation Conference, February 2011 Hamburg Germany

'Price Sensitivities: Substitution Opportunities in Connecting Markets with Travel Alternatives', paper delivered to AirNeth Conference, January 27, 2011 Hague Netherlands

Airline Network Design and Links to Airline Business Models: Conference on Competition and Regulation in Network Industries, Brussels Belgium Nov 20, 2009 (presented paper)

China What Next, Vancouver, October 16, 2009 Executive Forum Shaping Your Future - presenter

Assessing the Impact of alternative Noise Management Strategies on Airport Efficiency, Euronoise Conference Edinborough October 26-28, 2009 presenter

Trends and Developments in Inter-Urban Passenger Transport: International Air Transport in the Future, paper presented at German Aviation Research Society Workshop on 'Aviation & Climate Change, Bremen, Germany July 6-8

The Airport Business Model: Governance, Regulation and Two-Sided Markets, presented at International Forum on Shipping , Ports and Airports, Hong Kong, May 24-27 2009

Privatization and Regulation: the Efficiency Impacts on Airport, presented at Asia Logistics Round Table Conference , Inha University October 2009

The New Macroeconomics and Inter-Urban Passenger Transport: The Future of International Air Transport presented at OECD Conference, Madrid Spain, November 16-18, 2009

Implementing Full Social Cost Pricing: Estimation of Noise Costs from Road, Rail and Air Transportation in Canada, presented to International Seminar on Current Issues in Transport and Environment Field, November 11-13, 2009

Strategic Pre-emption in Deregulating and Liberalizing Markets through Alliances and Mergers, presented at International Transport Economics Conference, University of Minnesota June 14-6, 2009

International and National Aviation: Recovery, Stagnation or New Worlds presented to Hamburg Aviation Conference, February 10-12, 2010

The Importance of Institutional Design for Transport Innovation, presented to Innovation in Transportation Workshop, Transport Canada March 3, 2010

The relative Importance of Competition and Destination Choice in Developing the Air Cargo Sector, presented to Transport Canada Workshop on Air Cargo Policy, Logistics and Competitiveness, Vancouver, BC March 12, 2010

National and International Aviation: Passenger Traffic Growth in the New Macroeconomic Reality, presentation to Hamburg Aviation Conference, Hamburg Germany February 12-14, 2010

A New View of the Airport Business-Two Sided Platforms, presentation to Airneth Conference, Free University of Amsterdam, June 28, 2010

Benchmarking airports using network DEA Models, presentation to GARS Workshop, Berlin Germany November 18, 2010

Trends and Developments in Inter-Urban Passenger Transport: International Air Transport in the Future, presentation to GARS Workshop, Bremen Germany July 6, 2010

The Evolution of Airport Business Models: Governance, Regulation and Two-Sided Platforms, presentation to International Conference on Ports and Airports, Hong Kong Polytechnic University May 24-26, 2010

The Relative Importance of Governance and regulation in Airport Efficiency, paper presented to Asia Logistics Round Table, May 2-3, Inha University Inha Korea

Trends and Developments in Inter-Urban Passenger Transport: International Air Transport in the Future, presented to for OECD/ITF Eighteenth International Symposium on Transport Economics and Policy, Madrid, Spain November 16-18, 2009

Implementing Full Social Cost Pricing: Estimation of Noise Costs from Road, Rail and Air Transportation in Canada, presentation to Transportation & the Environment Conference, Seoul Korea November 12-14, 2009

Strategic Pre-emption in Deregulating and Liberalizing Markets through Alliances and Mergers, (with Hamed Hashaminia) to International Transport Economics Conference, University of Minnesota---June 15-16, 2009

Airport governance, regulation and financing: an international survey of stakeholder experience and opinion, presenter to Canadian Economics Association Meetings May 31, 2009, Toronto, (with William Morrison)

The Evolution of the Airport Business Model: Regulation, Governance and Two-Sided Platforms Martin Kunz Memorial Lecture, Hamburg Aviation Conference, Hamburg Germany February 2009

Airport Governance and Innovation in Aviation, presentation to Transport Canada Workshop on “Innovation in Transportation” March 3, 2010 Calgary, AB

Liberal Air Service Agreements and Competitiveness in Canada’s Air Cargo industry, presentation to Transport Canada Workshop “Air Cargo - Policy, Logistics and Competitiveness Workshop” Vancouver, March 12, 2010

China What’s Next, presentation to 2009 Executive Forum: Shaping your Future, Vancouver October 16, 2010

Open Skies Summit, September 25, 2010 (Morning and Afternoon Session Moderator), Vancouver

Financial and Environmental Sustainability of Transport: Are they Compatible?, presentation to Hamburg Aviation Conference, Hamburg Germany February 2009

Airport Governance and Regulation: Evolution over Three Decades of Aviation System Reform, presentation to Madrid Workshop on Transport Economics, October 2008

Dimensions of Value Added in gateway and Corridors, Presentation to CTRF Conference, Calgary October 2008

The New Price Discrimination and Pricing in Airline Markets: Implications for Competition and Antitrust (paper co-authored with Tim Hazledine) presented to Air Transportation Research Conference, Berkeley California June 22, 2008

Climate Change Policies and Airlines: Impacts on Fares, Profits and Emissions, (co-authored with Peter Forsyth) seminar University of Karlsruhe, November 27, 2008

Investigating the Effect of Governance Structure on Airport Efficiency (seminar to COE, Robson Square, Vancouver April 2, 2007)

Strategic Gateways and Trade Corridors: The Challenge of Logistics, presented to Freight Week Conference, Melbourne Australia September 19, 2008

Shipping Trends and Landside Responses: The Challenge of Logistics in and Through Gateways, presented to Freight Week Conference, Melbourne Australia September 22, 2008

AirNeth Conference The Hague, April 11-13, 2007, Demand Management: Options for Ensuring the Efficient Use of Scarce Airport Capacity

North American Gateway and Corridor Initiatives in a Changing World (co-authored with Dr. Graham Parsons, OWEC, Dr. Barry E. Prentice, UMTI), presented at Canadian Transportation Research Forum Meetings, Ottawa October 2007 (short listed as best conference paper)

Aviation Strategies and Emissions Trading: Taking Responsibility, EU Conference on Aviation and Climate Change, Brussels, May 24, 2007

Slots versus Prices: Options for the Optimal Use of Scarce Airport Capacity, INFORMS, Seattle, WA November 2007

The Political Economy of European Airport Reform (co-authored with Peter Forsyth), presented to German Aviation Research Society Meetings, Cologne Germany November 2007.

The New Price Discrimination and Pricing in Airline Markets: Implications for Competition and Antitrust (paper co-authored with Tim Hazledine) – presented at the ZEW Conference Mannheim Germany November 26, 2007

David Gillen, John Lawson, W.G. Waters II and Anming Zhang “Trying to Put the ‘Full’ in the Full Costs of Transportation” (paper presented to CTRF Quebec City May 1-3, 2006)

Assessing the Value of TMCs and Methods to Evaluate the Long Term Effects of ITS (Intelligent Transportation Systems - Hong Kong, 8th Asia-Pacific Intelligent Transport Systems Forum and Exhibition, 10-14 July 2006)

Banff Infrastructure Conference, “*When Theory meets Reality, Putting the ‘Full’ in the Full Costs of Transportation*” Banff Alberta, July 31-August 2, 2006

Madrid, *Airport Economics, Policy and Management: The European Union*, presentation to Rafael del Pino Foundation Conference on Airport Infrastructure, Madrid Sept 16-17, 2006

The New Price Discrimination and Pricing in Airline Markets: Implications for Competition and Antitrust, XIV Pan-American Conference of Traffic & Transportation Engineering, September 20th -23rd, 2006, Las Palmas de Gran Canaria, Canary Islands (Spain)

Evolutionary Business Models in Aviation: Tourism, Leisure Markets and Distribution Systems, presentation to Hamburg Aviation Conference, February 16, 2005

Network Evolution with Changes in Market Structure and Competition: Linking Network Structure And Business Models, presentation to GARS Conference, Bremen June 9, 2005

Runway Pricing: Lessons Learned In Canada and Elsewhere, presentation to CARS Workshop, Dublin Ireland June 14, 2005

Air Cargo Policy – Moving Forward and New Directions, presenting to Van Horne Conference and Minister of Transport Meeting, August 23, 2005

Keynote speech to Technical University of Berlin Conference on Public Private Partnerships, *The Economics of P3s and the Impact on Contract Design in Public-Private Infrastructure Concessions*, Berlin Germany October 7, 2005

Network Evolution with Changes in Market Structure and Competition: Linking Network Structure and Business Models, presentation to AirNeth Conference das Hag, Netherlands, October 28, 2005

Airport Regulation and Slot Auctions: Where have all the Rents Gone?, Workshop of Airport Regulation and Governance, CAA London, November 18, 2005

Slots 101: Valuing Slots in Airports in US and EU, paper to Workshops on Airport Regulation, Demand Management and Slot Allocation, November 9 and 10th, 2005, CTS, University of British Columbia

Demand Management: Assessing the Strengths and Weaknesses for Pricing versus Auctions, Workshops on Airport Regulation, Demand Management and Slot Allocation, November 9 and 10th, 2005, CTS, University of British Columbia

Assessing the Values of Airport Slots and Determining Efficient Markets, presentation to GARS Conference, Cologne Germany, November 21, 2005

“Challenges in Measuring the External Costs of Transport”, Proceedings of the Canadian Transportation Research Forum Hamilton, June 2005 with A. Boardman, W. G. Waters and a. Zhang

The Canadian Airline Industry: Airlines, Airports and Aviation (address to WESTAC-Van Horne Conference, Edmonton Nov 2004)

What can Airport Managers Learn from benchmarking and Performance Measurement? (paper presented to GARS Aviation Conference, Bremen Germany November 2004)

Noise Valuation and Implementation in assessing Airport Strategies and Investments, presentation to IEU Conference, Porto Portugal, September 2004

Benchmarking Pitfalls and Benefits from Implementation, presentation to Infrastructure Investment and Evaluation Conference, TUE University, Berlin March 2004

Assessing Airline Alliances, paper presented to GARS Workshop Bremen Germany January 2004

Measuring the Economic Efficiency Effects of Airline Alliances, paper presented to University Las Palmas, Canary Islands, December 16, 2003

Governance Structures and Economic Performance: Measuring Productivity and Efficiency at Airports, GARS Conference Leipzig, Germany, November 2003

Airline Strategies, Competition and Network Evolution in Aviation: How Important are Slots?

GARS Conference, Bremen Germany November 2003

Legacy Carriers and Upstarts: Regulation, Competition and Evolution of Networks in Aviation Markets, *Competition, Pricing and Natural Monopoly: Taking Stock Of Network Industries*, May 23, 2003 University Of Toronto Faculty Of Law

Predatory Pricing in Networks: The Case of Airline Markets, Paper prepared for 2003 Competition Law Invitational Forum, Cambridge, Ontario April 30-May 1, 2003

"The Insurance Value of Freeway Service Patrols: A Stated Preference Analysis" TRB Conference, Washington January 2003.

"Airport Pricing, Financing and Policy: Report to National Transportation Act Review Committee," HWWA Workshop on Airport Policy, Hamburg, Germany, February 2002.

"Low Cost Airlines: Threats or Opportunities for Airports," 5th Annual Hamburg Aviation Conference, Hamburg, Germany, February 2002.

"International Transmission of Shocks in the Airline Industry," 5th Annual Hamburg Aviation Conference, Hamburg, Germany, February 2002.

"Benchmarking Airports: An Assessment of World Airports," 5th Annual Hamburg Aviation Conference, Hamburg, Germany, February 2002.

"The Economics of Noise Management Strategies and Policy," Dreams of Flight Conference, San Diego, CA, February 2002.

"Predation is Alive and Well in Canada: Myth or Reality," German Aviation Research Seminar, Berlin, January 2002.

"Evolution of Aviation in Europe: The Emerging Role of Low Cost Carriers," German Aviation Research Seminar, Berlin, January 2002.

"A Survey of Methods to Estimate the Value of Quiet," EU Panel on Environmental Quality, Brussels, Belgium, December 2001.

"Measuring the Value of Transportation Infrastructure," Transportation Research Board Meeting, Washington, January 1999.

"Assessing the Benefits from ITS: Case Analysis of Electronic Toll Collection," Transportation Research Board Meeting, Washington, January 1999.

"The Full Costs of Air Transportation," Transportation Research Board Meeting, Washington, January 1999.

"Freeway Expansion and Land Development: Empirical Analysis of a Transportation Corridor," Transportation Research Board Meetings, Washington, January 1998 (with M. Hanson).

"Trip Pricing Experiments: Design and Implementation Issues for Demonstration Projects," Transportation Research Board Meetings, Washington, January 1998.

"Auctions Lotteries and Optional Tariffs: Their Use in the Context of Sophisticated Market Pricing Strategies for Auto Travel," Transportation Research Board Meetings, Washington, January 1998 (with W. Morrison).

"Non-Parametric Measures of Efficiency at US Airports," ATRG Conference, Dublin, July 1998 (with A. Lall).

"A Model for Measuring Economic Effects of Bilateral Air Transport Liberalization" International Colloquium on Air Transportation, Toulouse, France, Nov 17-19, 1998.

"The Full Cost of Intercity Highway Transportation," Transportation Research Board Meetings, Washington, January 1998 (with D. Levinson).

"Evaluating Air Liberalization Agreements: An Integration of Demand Analysis and Trade Theory," International Air Transportation Conference, Seoul Korea, December 1997 (with R. Harris, and T. Oum).

"Evaluating Economic Benefits of the Transportation System," Transportation and the Economy, Public & Research Symposium Series, Public Policy Program, UCLA, Lake Arrowhead, California, December 7-9, 1997.

"The Effects of Open Skies Bilateral Agreements: A Counterfactual Analysis of Canada's Bilateral Agreements,"

ATRG Conference, Vancouver, June 1997 (with R. Harris, and T. Oum).

"Airport Performance Measurement: An Application of Data Envelope Analysis," ATRG Conference, Vancouver, June 1997.

"Implications of High Speed Rail Competition on Short Haul Airline Markets," ATRG Conference, Vancouver, June 1997.

"Airport Performance Measurement: Data Envelope Analysis and Frontier Production Functions," ATRG Conference, Vancouver, June 1997.

"Evaluating Economic Benefits of the Transportation System," Transportation and the Economy, Public & Research Symposium Series, Public Policy Program, UCLA, Lake Arrowhead, CA, December 7-9, 1997.

"Implications of High Speed Rail Competition on Short Haul Airline Markets," ATRG Conference, Vancouver, June 1997.

"Airport Performance Measures and their Linkage to Effective Management Strategy in Assessing Public and Private Ownership," Transportation Research Board Annual Meeting, Washington DC, January 1997.

"Measuring Productivity and Efficiency in a Multi-jurisdictional Setting: Measuring the Performance of Transportation," Conference on Performance Measurement and Public Sector Reform, Institute for Public Administration of Canada, Toronto, April 3, 1997.

"Intercontinental Demand: Assessing the Demand impacts of Liberalizing International Aviation," Conference on International Aviation, Montreal, April 24, 1997 (with R. Harris, and T. Oum).

"Investigations of Neglected Aspects of the Benefits of Transportation Investment," International Road Federation Conference, Toronto, June 1997.

"Airport Performance Measurement: Data Envelope Analysis and Frontier Production Functions," ATRG Conference, Vancouver, June 1997.

"Airport Performance Measurement: An Application of Data Envelope Analysis," ATRG Conference, Vancouver, June 1997.

"The Effects of Open Skies Bilateral Agreements: A Counterfactual Analysis of Canada's Bilateral Agreements," ATRG Conference, Vancouver, June 1997 (with R. Harris, and T. Oum).

"Measuring the Performance of Airports: Alternative Measures of Cost Efficiency and Customer Service" TRB Meetings, Washington, January 1996.

"Issues of Airports in Economic Development" TRB Meetings, Washington, January 1996.

"Measuring the Performance and productivity of transportation Infrastructure: An Application of DEA" AEA Meetings, San Francisco, January 1996.

"An Assessment of BTS: An Overview of TSAR (Transportation Statistics Annual Reports)," BTS Conference, Washington, D.C. May 18, 1996.

"Measuring the Benefits and Costs of Alternative Noise Management Strategies" TRB Meetings, Washington, January 1996.

"Measuring the Performance and productivity of transportation Infrastructure: An Application of DEA" (AEA Meetings San Francisco Jan 1996)

"Benchmarking and Quality Management: New Management Techniques for Modern Airports" paper presented to the Airport development Conference, Amsterdam November 1995

"Efficient Use and Provision of Transportation Infrastructure With Imperfect Pricing" paper presented to the conference on The Costs and Benefits of Transportation Infrastructure, university of California Irvine July 1995

"Assessing the Role of Transportation Infrastructure in Economic Growth" TRB Meetings Washington January 1995

- "Alternative Approaches to the Evaluation of Airport Projects" panel presentation to FAA Conference, Washington, October 1994
- "The Variability in Demand Elasticity Estimates in Assessing the Net Impact on Safety of the Introduction of Mandatory Child Restraint Seats on Aircraft" panel presentation to FAA Conference Washington October 1994
- "Transportation Infrastructure Investment and Economic Growth", paper presented to the "The Role of Infrastructure in Economic Development: A Policy Conference" Sept, 1994 (Chicago)
- "Measuring Management Performance for Deregulated Commercialized And Privatized Public Infrastructure" paper presented to the Center for Law & Economic Analysis Conference, Sept 1994 (Toronto)
- "The Market and Aviation Infrastructure: Pricing, Productivity and Privatization", paper presented at the 8th Annual Workshop on Aviation Infrastructure, National Academy of Sciences, Washington, DC September, 1993
- "Assessing the Role of Transportation Infrastructure in Effecting Economic Growth and Productivity", presented to the Conference on Public Investment and Economic Growth, Investment Canada, Ottawa, June 1993
- "Peak Pricing Strategies In Transportation, Utilities And Telecommunications: What Lessons Do They Offer For Roadway Pricing" paper presented to the Congestion Pricing Symposium, Washington, DC June 24-25, 1993
- "Airport Management Economics" presentation to Airport Systems and Design Conference, May 3-6, UC-Berkeley
- "Air Travel Demand Forecasting" presentation to Airport Systems and Design Conference, May 3-6, UC-Berkeley
- "Transportation Investment and Economic Growth" paper presented at Industrial Liaison program, UC-Berkeley March 11, 1993
- "Current research in Intermodal Transport, Air Quality and Infrastructure" Industrial Liaison program, UC-Berkeley March 11, 1993
- "General Aviation Noise: Measuring the Impact and Developing Management Strategies", paper delivered at 8th Annual Airport Managers Short Course (Monterey, CA Jan 1993)
- "Airline Seat Capacity Adjustment and the Effects on Airport Capacity Management" paper delivered to the 4th World Conference on Transportation Research, Lyon, France July 1992
- "Can Economic Measures Mitigate the Demand/Capacity Imbalance"? Presented at Industrial Liaison Program, 14th Annual Conference March 1992, University of California-Berkeley
- "The Economics of Aircraft Noise" presented at Industrial Liaison Program, 14th Annual Conference March 1992, University of California-Berkeley
- "Alternative Approaches to Urban Transport Pricing and their Linkage to Investment" presented at the International Conference on Issues in Urban Transportation Pricing, Lyon, France December 1991
- "Pricing, Investment and Financing of Transportation Infrastructure", Conference on Pricing and Investment n Transportation, Ottawa Sept 26-27, 1991
- "Free Trade in Airline Services: Assessing the Canada-U.S. Air Transport Bilateral" paper presented to Transportation Research Forum, Long Beach, October 1990. Also presented at the International Association for Travel Behavior Meetings, Quebec City, May 1991
- "Measuring the Effectiveness of New Technology Through a Productivity Framework" invited paper presented to Productivity Assessment and Technology Adoption Seminar, University of Southern California, April 1989
- "Airport Pricing, Capacity Investment and Ownership: Focus on Economic Efficiency" Invited paper presented to the 5th World Conference on Transportation Research, Yokohama Japan, July 1989
- "Productivity Measurement and New Technology: Efficiency vs Effectiveness", presented to the TIMS/ORSA Meetings, Denver, 1988
- Airport Pricing Policies: An Application to Canadian Airports", Transportation Research Forum Proceedings, Toronto 1988

"Entry Barriers and Anti-Competitive Behavior in a Deregulated Canadian Airline Market", Transportation Research Forum Proceedings, Vancouver, 1986

"Identifying and Measuring the Impact of Government Ownership and Regulation on Airline Performance", Conference sponsored by the Economic Council of Canada, Toronto, 1983

"Identifying and Measuring the Costs of Regulation on Transportation Industries", Canadian Transportation Research Forum, Jasper, Alberta, 1983

"Cost Structure of the Canadian Inter-city Bus Industry", invited paper: Advances in Supply Side Modeling in Transportation, Montreal, Oct. 1981.

"Cost Structure of the Canadian Airline Industry", Econometric Society Conference, San Francisco, Dec. 1983

"The Hedonic Technique: A Critique and Assessment", Acid Rain Evaluation Seminar, Ottawa, 1984

"Economic Value of Salmon Angling: Estimates of Willingness to Pay from Hedonic Functions" Canadian Regional Science Assoc. Meetings, Vancouver 1982

"Costs and Regulations in the Canadian Airline Industry" Canadian Economics Association Meetings, June, 1982, Vancouver

"A Study of Interfareclass Competition in Airline Markets" presented at North American Meetings of the Econometric Society, Denver, Colorado, 1981

"Inter-city Travel Demands in Canada: Theory, Tests, and Empirical Results" presented at ORSC Meetings, Quebec City and World Econometric Congress, France, August 1980

"A Simultaneous Model of Household Residential Location and Transportation Choice", (with R. Westin) a paper presented at the NSF-NBER Conference on Decision Rules under Uncertainty, Carnegie-Mellon University, March, 1978. Also presented at the Conference of Theoretical Urban Economics, Queen's University, June 1978

"Alternative Rent Gradients in Urban Location Models", presented at the Canadian Economic Association Meetings, Fredericton, June, 1977

"Location Decisions and Transportation Demand", (with R. Westin), paper presented at Canadian Economic Association Meetings, Quebec City, June, 1976. Also presented at Mathematical Social Science Board Workshop on the Theory and Measurement of Economic Choice Behavior and NSF-NBER Conference on Decision Rules and Uncertainty, joint session, University of California, Berkeley, June 19-22, 1976

"Parking Prices and Parking Restrictions: The Effects for Urban Mode Choice and Congestion", Meetings of the Transportation Research Forum, Toronto, November 1975. (Published Proceedings).

10. **SERVICE TO THE UNIVERSITY**

(a) Memberships on committees, including offices held and dates

1. Member University Senate (2014-2017)
2. Member University Senate Budget Committee (2014 - 2017)
3. Member University Senate Library Committee (2014 to 2017)
4. Division Chair, Operations & Logistics, July 2012-2013
5. Director, Center for Transportation Studies 2012-2013
6. Division Chair, Operations & Logistics, July 2011-2012
7. Director, Center for Transportation Studies 2011-2012
8. Division Chair, Operations & Logistics, July 2010-2011
9. Director, Center for Transportation Studies 2010-2011
10. Division Chair, Operations & Logistics, July 2009-2010
11. Chair search committee CN Chair – 2009-2010
12. Chair, Operations & Logistics Division 2009 to present
13. Director, Center for Transportation Studies 2004 to present
14. Curriculum Planning for the Master in Applied Management, Project Management Specialization 2009-2010

15. Review AACSB Requirements & MAM proposal 2009-2010
16. Certificate in Project Management Advisory Committee 2009-2010

(b) *Other service, including dates*

University Examiner, PhD thesis: Anita Parkinson,, Essays on Sequence Optimization in Block Cave Mining and Inventory Policies with Two Delivery Sizes (July 23, 2012)
 PhD Admission Committee (OPLOG) 2012-2013
 PhD Admission Committee (OPLOG) 2011-2012
 Chair, PhD Examination Committee November 2009
 External Examiner, Jing Zhou, PhD University of British Columbia, November 2009
 Chair, Operations & Logistics Division July 1, 2009 to present (3 year term)
 Director Center for Transportation Studies (2004 to present)

11. SERVICE TO THE COMMUNITY

(a) *Memberships on scholarly societies, including offices held and dates*

American Economics Association
 Canadian Transportation Research Forum
 German Aviation Research Society

(b) *Memberships on other societies, including offices held and dates*

(c) *Memberships on scholarly committees, including offices held and dates*

(d) *Memberships on other committees, including offices held and dates*

(e) *Editorships (list journal and dates)*

Editor: Journal of Transport Economics & Policy (2011 to 2018)
 Associate Editor: Transportation Research E: Logistics & Transportation Review (1998 to 2016)
 Series Editor, Springer Publishers Series in Transportation Research and Policy (2006 to present)
 Editorial Board, Journal of Air Transport Management (2012 to present)
 Editorial Board: Emerald Book Series, Advances in Airline Economics (2013 to present)
 Editorial Board: Research in Transportation Business & Management (Elsevier Publishers) (2011 to present)
 Editorial Board: Journal of Transportation Literature (2011 to present)
 Editorial Advisory Board: Brazilian Review of Transport Literature (2011 to present)
 Member, Greater Vancouver Gateway Council (2005 to present)

2012-2013

Editor: Journal of Transport Economics & Policy (2011 to present)
 Associate Editor: Transportation Research E: Logistics & Transportation Review (1998 to present)
 Series Editor, Springer Publishers Series in Transportation Research and Policy (2006 to present)
 Editorial Board, Journal of Air Transport Management (2012 to present)
 Editorial Board: Emerald Book Series, Advances in Airline Economics (2013 to present)
 Editorial Board: Research in Transportation Business & Management (Elsevier Publishers) (2011 to present)
 Editorial Board: Journal of Transportation Literature (2011 to present)
 Editorial Advisory Board: Brazilian Review of Transport Literature (2011 to present)
 Member, Greater Vancouver Gateway Council (2005 to present)

Reason Foundation, Los Angeles Advisory Board to Mobility Project to the Transportation Community (2002 to present)

2011-2012

Series Editor, Springer Publishers Series in Transportation Research and Policy
Associate Editor Transportation Research E: Logistics & Transportation Review
Editor: Journal of Transport Economics & Policy
Editorial Board: *Research in Transportation Business & Management (Elsevier Publishers)*
Editorial Advisory Board of the Brazilian Review of Transport Literature

2010-2011

Series Editor, Springer Publishers Series in Transportation Research and Policy
Associate Editor Transportation Research E: Logistics & Transportation Review
Editorial Board: Journal of Transport Economics & Policy
Editorial Board: *Research in Transportation Business & Management (Elsevier Publishers)*
Editorial Advisory Board of the Brazilian Review of Transport Literature

2009-2010

Associate Editor, Transportation Research E: Logistics & Transportation Review, 2002 to date
Editorial Board, Journal of Transport Economics & Policy, 2003 to present
Series Editor, Transportation Policy and Management, Springer Publishers Berlin Germany (2008 to date)

(f) *Reviewer (journal, agency, etc. including dates)*

Journal of Transport Economics & Policy (3)	2019-2020
Transportation Research E: Logistics & Transportation Review	2019-2020
Transport Research A: Policy & Practice	2019-2020
Journal of Air Transport Management (3)	2019-2020
European Journal of Operational Research (2)	2019-2020

Journal of Transport Economics & Policy (3)	2017-2018
Transportation research E: Logistics (2)	2017-2018
Journal of Air Transport Management (6)	2017-2018
Canadian Journal of Economics (2)	2015-2016
Journal of Transport Geography (2)	2015-2016
Transportation Research B: Methodological (3)	2015-2016
Transportation Research e: Logistics & Transportation Review (3)	2015-2016
Transportation Research D: Transport & the Environment (2)	2015-2016
Journal of Air Transport Management (5)	2015-2016
Journal of Air Transport Management (4)	2014-2015
Transportation Research E: Logistics & Transportation Review (2)	2014-2015
Transportation Research B: Methodological (2)	2014-2015
International Journal of Production Economics (1)	2014-2015
International Journal of Transport Economics (2)	2014-2015
Journal of Transport Geography 1	2014-2015
Int J of Logistics & Supply Chain Management (1)	2014-2015
European J of Operational Research (2)	2014-2015
Economic Inquiry (1)	2014-2015

Journal of Transport Economics & Policy – 4 papers	2013-2014
Journal of Air Transport Management – 8 papers	2013-2014
Rand Journal – 1 paper	2013-2014

Transportation Research B: Methodology – 1 paper	2013-2014
TransportAmerica – 1 paper	2013-2014
International Journal of Logistics & Supply Chain Management 1 paper	2013-2014
Omega – 1 paper	2013-2014
Transportation Research E: Logistics & Transportation Review – 7 papers	2013-2014
Journal of Transport Economics & Policy – 6 papers	2012-2013
Transportation Science – 2 papers	2012-2013
European Journal of Operations Research – 3 papers	2012-2013
Journa of Air Transport Management – 2 papers	2012-2013
Management Science – 1 paper	2012-2013
Omega – 2 papers	2012-2013
Transportation Research B: Methodology – 2 papers	2012-2013
Journal of Transport Economics & Policy – 22 papers	2011-2012
Journal of Air Transport Management – 1 paper	2011-2012
Transportation Research E: Logistics & Transport Review 6 papers	2011-2012
International Journal of Transport – 2 papers	2011-2012
Journal of Transport geography – 1 paper	2011-2012
Journal of Transport Economics and Policy – 9 paper	2010-2011
Management Science – 1 paper	2010-2011
Transportation Research B: Methodology 2 papers	2010-2011
Transportation Research E: Logistics & Transport Review 12 papers	2010-2011
Transport Policy – 1 paper	2010-2011
Research in Transportation Business & Management 1 paper	2010-2011
Journal of Air Transport Management – 2 papers	2010-2011
Journal of Transport Economics & Policy – 8 papers	2009-2010
Journal of Advanced Transportation – 2 papers	2009-2010
Transport Reviews – 1 paper	2009-2010
Journal of Air Transport Management – 2 papers	2009-2010
Journal of Transport Economics & Policy (9 papers)	2008-2009
Transportation Research E – 2 papers	2008-2009
Journal of Transportation & Tourism – 2 papers	2008-2009
SSHRC – 1 application	2008-2009
Journal of Transport Economics and Policy (8 papers)	2007-2008
Canadian Journal of Economics - 1 paper	2007-2008
Transportation Research ‘E’ – 4 papers	2007-2008
Transportation Science – 2 papers	2007-2008
Transport Reviews - 1 paper	2007-2008
Journal of Air Transport Management - 3 papers	2007-2008
Hong Kong Economic Research Committee	2007-2008
Netherlands Economic Research Grants Council	2007-2008

- (g) *External examiner (indicate universities and dates)*
 Augusto Dortes Volta, University of Las Palmas, PhD Exam October 2009
 March 2008 – member of international panel (8 persons) commissioned to evaluate all transportation research in Federal Republic of Germany (4 day site(s) visit)

Daniel Danau – University of Lyon Lyon, France PhD Exam November 2007

(h) *Consultant (indicate organization and dates)*

(i) *Other service to the community*

1. Canada's International Aviation Policy, presented to Calgary Chamber of Commerce Luncheon, February 27, 2009 (presentation)
2. Prospects for Northern Aviation Services in the New Macroeconomic Environment, After Dinner Speaker at Northern Air Transportation Association Conference Whitehorse March 29, 2010
3. Program Moderator, BC Open Skies Summit, Vancouver BC September 25, 2009

12. AWARDS AND DISTINCTIONS

(a) *Awards for Teaching (indicate name of award, awarding organizations, date)*
CUS Award for best Undergraduate Instructor, UBC 2016

(b) *Awards for Scholarship (indicate name of award, awarding organizations, date)*

Runner up for best paper, Canadian Transportation Research Forum Conference May 2006

(c) *Awards for Service (indicate name of award, awarding organizations, date)*

(d) *Other Awards*

Presented the 5th Martin Kuntz Memorial Lecture, Hamburg Aviation Conference, February 2009

13. OTHER RELEVANT INFORMATION (Maximum One Page)

THE UNIVERSITY OF BRITISH COLUMBIA
Publications Record

SURNAME: Gillen

FIRST NAME: David

Initials: DG

MIDDLE NAME(S): William

Date: April 25, 2011

1. REFEREED PUBLICATIONS**(a) *Journals***

Albert Assaf and David Gillen (2020) Firm Performance: Differentiating between Uncontrollable and Controllable Bad Outputs, (forthcoming in *Tourism Management*)

David Gillen and Victor Valdes (2018), Introduction to Special Issue: Airport infrastructure management and the impact on competition conditions, efficiency and consumer welfare, *Transportation Research A* Vol. 114, Part A, 97-99

David Gillen and Victor Valdes (2018), The consumer welfare effects of slot concentration and reallocation: A study of Mexico City International Airport, *Transportation Research A* Vol. 114, Part A, 256-269

David Gillen and Tim Hazledine (2018), Pricing Price Discrimination and Oligopoly in North American Airline Markets (forthcoming in *Economics letters*)

David Gillen and Victor Valdes (2018), The Consumer Welfare Effects of Slot Concentration and Reallocation: A Study of Mexico City Airport, (forthcoming in *Transportation research A: Policy and Practice*)

David Gillen and Hamed Hashemini (2018), Empirical Analysis and Simulation Modeling of a Canadian Seaport Transportation Network, *Journal of Supply Chain and Operations Management*, Vol. 16, No. 1 (March) 17-35

Dian Sheng, Dian, Zhi-Chun Li, Xiaowen Fu and David Gillen (2017), Modeling the effects of unilateral and uniform emission regulations under shipping company and port competition (forthcoming in *Transportation Research Part E: Logistics & Transportation Review*)

Assaf, Albert, David Gillen, Mike Tsionas and Anna Mattila (2017), Modeling Technical and Service Efficiency, Vol. 96 *Transportation Research B: Methodological*, 113-125

Gillen, David, Alexandre Jacquillat and Amedeo Odoni (2016), Airport demand management: The operations research and economics perspectives and potential synergies, *Transportation Research Part A: Policy*, 94, 495-513

Gillen, David and Hamed Hashemini (2016), Measuring Reliability of Transportation Networks Using Snapshots of Movements in the Network – An Analytical and Empirical Study (forthcoming in *Transportation Research B: Methodological*)

Gillen, David and Tim Hazledine (2016), Pricing of Regional Airline Services in Australia and New Zealand, 2011-2015 (forthcoming in *Economic Papers*)

Gillen, David and David Starkie (2016), EU Policy at Congested Hubs and Incentives to Add Capacity, *Journal of Transport Economics & Policy*, Vol. 50. No. 2 (April), P. 151-163

Gillen, David and William Morrison (2015), Aviation Security: Costing, Pricing, Finance and Performance, *Journal of Air Transport Management*, Vol. 48 pp. 1-12

Gillen, David and Tim Hazledine (2015), The Economics and Geography of Regional Airline Services in Six Countries, *Journal of Transport Geography*, Volume 46 (June) 129-136

David Gillen, Geoff Gosling and Steven Landau (2015), Measuring the Relationship Between Airline Network Connectivity and Productivity (forthcoming in *Transportation Research Record (TRR)*, Journal of the Transportation Research Board)

Gillen, David, Hamed Hashemini and Changmin Jiang (2015), Strategic Considerations Behind the Network–Regional Airline Tie Ups – A Theoretical and Empirical Study, *Transportation Research B: Methodological*, Volume 72, February 2015, Pages 93–111

- Assaf, Albert, David Gillen and George Tsionas (2014), A General Dynamic Model for Allocative and Technical Efficiency, *Transportation Research B: Methodological*, Vol. 70 (December) 18-34.
- David Gillen and Benny Mantin (2014), The Importance of Concession Revenues in the Privatization of Congested Airports, *Transportation Research E: Logistics & Transportation Review*, Volume 68, August 2014, Pages 164–177
- David Gillen and Hamed Hashemina (2013), Estimating the Demand Responses for Different Size of Air Passenger groups, *Transportation Research B: Methodology*, Vol 49 pp. 24-38
- Assaf, Albert, Alexander Josiassen and David Gillen (2013), A Holistic Approach to Measuring Firm Performance: Bayesian Estimation with Desirable and Bad Outputs (in press *Journal of Business Research*)
- David Gillen and Benny Mantin (2012), “Transportation Infrastructure Management: One and Two Sided Market Approaches”, *Journal of Transport Economics & Policy*, Vol. 47, Part 2 (May) 207-227.
- Albert Assaf, David Gillen (2012), Measuring the Joint Impact of Governance Form and Economic Regulation on Cost Efficiency of Transportation Infrastructure, *European Journal of Operational Research* Volume 220, Issue 1, 1 July 2012, Pages 187–198)
- Albert Assaf, David Gillen and Carlos Barros (2011), Performance Assessment of UK Airports: Evidence from a Bayesian Dynamic Frontier Model, *Transportation Research Part E* 48 (2012) 603–615
- Gillen, David and Benny Mantin (2011) The Hidden Information Content of Price Movements, *European Journal of Operational Research*, 211, 385-393
- Gillen, David (2011), The Evolution of Airport Governance and Ownership, *Journal of Air Transport Management*, 17, 3-13
- Gillen, David (2009), The Volatility of Airfares in Markets, *Transportation Research E- Logistics and Transportation Review*, Vol. 45, No. 6 pp 1020-1029 (with Benny Mantin)
- Gillen, David (2006), Airline Business Models and Networks: Regulation, Competition and Evolution in Aviation Markets, *Journal of Network Economics*, Vol 5, Issue 4 - December 2006,
- Gillen, David and William Morrison (2005), The Economics of Franchise Contracts and Airport Policy *Journal of Air Transport Management*, Vol 11, No 1, pp 43-48
- Gillen, David and William Morrison (2005), Airline Strategies, Competition and Network Evolution: How Important are Slots?, Vol 11, No. 1, *Journal of Air Transport Management*
- Atkins, F., Cooper, D., Gillen, D. “Measuring the Impact of Changes in Graduated Licensing Laws: The Case of California”, *Accident Analysis and Prevention*, 2005.
- David Gillen, Ashish Lall, Some Competitive Advantages for Low Cost Airlines: Implications for Airports, *Journal of Air Transport Management*, Vol. 10, No. 1, pp. 41-50, 2003
- Gillen, D., Morrison, W. “Bundling, Integration and the Delivered Price of Air Travel: Are Low Cost Carriers Full Service Competitors?” *Journal of Air Transport Management*, Vol. 9, No. 1 pp 15-23, 2002.
- Gillen, D., Lall, A. “International Transmission of Shocks in the Airline Industry,” *Journal of Air Transport Management*, Vol. 9, No. 1, pp 37-49, 2003.
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- Gillen, D., and A. Lall, “The Economics of the Internet, the New Economy and Opportunities for Airports,” *Journal of Air Transport Management*, Vol. 8, No. 1, pp. 49-63, January 2002.
- Gillen, D., and A. Lall, "Non-Parametric Measures of Efficiency of US Airports," *International Journal of Transport Economics*, Vol. 28, No. 3, pp. 283-306, 2001.
- Gillen, D., "Productivity Benefits and Cost Efficiencies from ITS Applications to Public Transit: Evaluation of AVL," *Journal of Transportation Research Board*, No. 1774, pp. 78-92, 2001.
- Gillen, D., "Assessing the Economic Benefits from the Implementation of New Pavement Construction Methods," *Journal of Transportation Research Board*, No. 1747, pp. 71-78, 2001.

- Gillen, D., "Measuring Aggregate Productivity Benefits from ITS Applications: The California Experience," *Journal of Transportation Research Board*, No. 1747, pp. 89-96, 2001.
- Gillen, D., "Measuring the Economic Impact of Liberalization of International Aviation on Hamburg Airport," *Journal of Air Transport Management*, Vol. 7, pp. 25-35, 2001.
- Gillen, D., "Pavement and Bridge Cost Allocation Analysis of the Ontario Intercity Highway Network," *Journal of the Transportation Research Record*, No. 1732, Transportation Finance, Pricing and Economics, pp. 99-107, February, 2000.
- Gillen, D. and J.-F. Wen, "Taxing Hydro-Power in Ontario," *Canadian Public Policy*, March 2000.
- Gillen, D., D. Levinson, and A. Kanafani, "The Social Costs of Intercity Transportation: A Review and Comparison of Air and Highway," *Transport Reviews*, Vol. 18, pp. 215-240, 1998.
- Levinson, David, Adib Kanafani, and David Gillen. 1999. Air, High Speed Rail or Highway: A Cost Comparison in the California Corridor. *Transportation Quarterly* 53: 1 123-132
- Gillen, David, and David Levinson. The Full Cost of Air Travel in the California Corridor. *Transportation Research Record: Journal of the Transportation Research Board* 1662: 1-9
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- Gillen, D., D. Levinson, M. Mathieu, and A. Kanafani, "The Full Costs of High Speed Rail: An Engineering Approach," *Annals of Regional Science*, 1997.
- Gillen, D., R. Cline, T. Ruhl, and G. Gosling, "Air Transportation Demand Forecasts in Emerging Market Economies," *Journal of Air Transport Management*, 1997.
- Gillen, D., and A. Lall, "Airport Performance Measurement: Data Envelopment Analysis and Frontier Production Functions," *Transportation Research E*, 1997.
- Noori, H., and D. Gillen, "A Performance Measuring Matrix for Capturing the Impact of Advanced Manufacturing Technologies," *International Journal of Production Management*, Vol. 33, pp. 2037-2048, 1996.
- Gillen, D., "Transportation Infrastructure Investment and Economic Development," *Logistics and Transportation Review*, Vol. 32, pp. 38-63, 1996.
- "A Performance Measuring Matrix for Capturing the Impact of Advanced Manufacturing Technologies" *International Journal of Production Management*, Vol. 33, No. 7 (1995) pp. 2037-2048 (with Hamid Noori)
- "A Socio-economic Assessment of Complaints about Aircraft Noise" *Transportation Planning and Technology*, 1994, Vol. 18, pp.45-55 (with T.J. Levesque)
- "Assessing the Alternatives to Liberalize the Canada-U.S. Air Transport Bilateral", *Journal of the Transportation Research Forum*, Vol. 31, 2, (1990) pp. 326-336 (with Mark Hansen and Robson Ramos)
- "Privatization of Air Canada; Why it is Necessary in a Deregulated Environment" *Canadian Public Policy*, Vol. XV, No.3, September 1989, pp. 285-299
- "The Cost Structure of the Canadian Airline Industry", Vol. 24, No. 1 *Journal of Transport Economics and Policy*, (January, 1990) 9-34
- "Airport Pricing Principles: An Application to Canadian Airports", *Journal of the Transportation Research Forum*, 1988
- "Duopoly in Canada's Airline Industry: Consequences and Policy Issues", *Canadian Public Policy*, Vol. 14 (1), March, 1988, 15-31
- "Entry Barriers and Contestable Canadian Airline Markets", *International Journal of Transport Economics*, Vol.15, No. 1 (February, 1988), 29-41
- "Demands for Fareclasses and Pricing in Airline Markets" *Logistics and Transportation Review*, Vol. 23, (1986) (with T. Oum)
- "Renewable and Non-Renewable Resource Demand in Canadian Manufacturing Industries" *Resources and Energy*,

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"Economic Value of Salmon Angling: Estimates of willingness to pay from Hedonic Price Function's" *Canadian Journal of Regional Science*, Vol. 12, Fall, 1984, 181-195. (with R. McGaw)

"A Study of the Cost Structure of the Canadian Inter-city Motor Coach Industry" *Canadian Journal of Economics*, Vol. 17, No. 3, May 1984, pp. 368-397. (with T. Oum)

"The Structure of Inter-City Travel Demands in Canada: Theory, Tests and Empirical Results" *Transportation Research*, (1981)17, No. 3, 175-191. (with T. Oum)

"An Extension of the Hedonic Approach for Estimating the Value of Quiet", *Land Economics*, 56, 3, 1980, 315-28. (with M. McMillan and B. Reid)

"Bill C-20: An Evaluation from the Perspective of Current Transportation Policy and Regulatory Performance", *Canadian Public Policy*, Winter, 1980, pp. 47-63. (with Chambers et al.)

"Assumed vs. Estimated Functional Form in Disaggregate Mode Choice Models", *Regional Science and Urban Economics*, (1980) vol. 9, 185-197

"Parking Location and Transit Demand: The Case of Endogenous Attributes in Disaggregate Mode Choice Models", (with R. B. Westin), *Journal of Econometrics*, No. 8 (1978), 75-101.

"Alternative Policy Variables to Influence Urban Transport Demands", *Canadian Journal of Economics*, (November 1977), pp. 686-695

"Rate Making Principles, Rate Discrimination and the West", (with M. R. Jones), *Logistics and Transportation Review*, Vol. 14, no. 1 (1977), 51-67

"Estimating the Value of Time: An Additional Misspecification Error", *Transportation*, No. 6 (1977), 85-89

"Parking Policy, Parking Location Decisions and the Distribution of Congestion", *Transportation*, No. 7 (1978), 69-85.

"Estimation and Specification of the Effects of Parking Prices on Urban Transport Mode Choice", *Journal of Urban Economics*, No. 4 (1977), 186-199.

"Parking Policies and Mode Choice", *Transportation Research Record*, No. 637 (1978),46-51

(b) *Conference Proceedings (Refereed)*

Transportation Policy, Competition & Economic Growth: Unintended Consequences in Final Offer Arbitration (forthcoming in Canadian Transportation Research Forum, 2011)

Gillen, D., "The Economics of Noise", Ken Button and David Hensher (Eds), *Handbook of Transportation Economics and the Environment*, Elsevier, Amsterdam Netherlands 2005

Gillen, D., Garrison, W. "On Process Generating Impacts from Transportation Improvements: The Impacts of Air Transportation on Recreation Tourism" in *Essays in Transportation in Honor of T. Laksmonen* 2005.

Gillen, D. "Regional Impact of Open Skies Policies on Hamburg Airport", in Wilhelm Pfahler (ed), *Regional Input-Output Analysis: Conceptual Issues, Airport Case Studies and Extensions*, Nomos Verlagsgesellschaft, Baden-Baden 2002

Gillen, D. "Public Capital, Productivity and the Linkages to the Economy: Transportation Infrastructure" in *Public Capital in Canada* (ed) John Richards and H. Vining, (C.D. Howe Institute 2000).

Gillen, D., "Estimation of Revenues from Use Charges, Taxes and Other Sources of Income: Summary Discussion," *Information Requirements for Transportation Economic Analysis, Conference Proceedings 21*, Transportation Research Board, National Research Council, Washington, DC, pp. 128-150, 2000.

Gillen, D., "Estimation of Revenues from Use Charges, Taxes and Other Sources of Income: Summary Discussion," *Information Requirements for Transportation Economic Analysis, Conference Proceedings 21*, Transportation

Research Board, National Research Council, Washington, DC, pp. 44-49, 2000.

Gillen, D., "The Market and Aviation Infrastructure: Pricing, Productivity and Privatization," *Transportation Research Circular No. 425*, Future Aviation Activities Eighth International Workshop, Transportation Research Board/National Research Council, pp. 82-87, May 1994.

"Peak Pricing Strategies In Transportation, Utilities And Telecommunications: What Lessons Do They Offer For Roadway Pricing" *TRB Special Report 242, Curbing Gridlock: Peak-Period Fees to Relieve Traffic Congestion*, National Research Council, National Academy of Sciences, Washington, DC (1994) pp. 115-152

"Transportation Infrastructure Policy: Pricing, Investment and Cost Recovery" in *Directions: The Final Report of the Royal Commission on National Passenger Transportation*, Volume 3, pp 503-613 (1993) (with Tae Oum)

"Entry-Barriers and Anti-Competitive Behaviour in a Deregulated Canadian Airline Market" *Transportation Research Forum Proceedings*, (1986), 483-493 (with T. Oum and M. Tretheway)

"A Study of Interfareclass Competition in Airline Markets" *Transportation Research Form Proceedings*, Vol. 21, (1981), 599-609. (with T. Oum)

"The Airline Cost Structure and Its Regulatory Policy Implications for Canada", *Transportation Research Forum Proceedings*, 1984, pp.649-652

Gillen, D., Special Co-Editor, *Proceedings of the Hamburg Aviation Conference 2006*, *Journal of Air Transport Management*, Vol. 8, No. 1, January 2007

Gillen, D., Special Editor, *Airline Business Models: An Evolution*, *Review of Network Economics*, Vol 5, Issue 4, December 2006,

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4. **PATENTS**

5. **SPECIAL COPYRIGHTS**

6. **ARTISTIC WORKS, PERFORMANCES, DESIGNS**

7. **OTHER WORKS**

8. **WORK SUBMITTED (including publisher and date of submission)**

Slot Administration and Management in Europe and Incentives to Invest (with David Starkie)-submitted to Journal of Transport Economics & Policy

Measuring Reliability of Transportation Networks Using Snapshots of Movements in the Network – An Analytical And Empirical Study (with Hamed Hasheminia) submitted to Transportation Research B: Methodological

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North American Gateway and Corridor Initiatives in a Changing World 2007 (with Graham Parsons and Barry Prentice)

Air Travel demand Elasticities: Concepts, Issues and Measurement 2007 (with William Morrison and Christopher Stewart)

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